

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>294-123 PCT/US</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <b>10/070523</b>
INTERNATIONAL APPLICATION NO. <b>PCT/NL00/00611</b>	INTERNATIONAL FILING DATE <b>September 1, 2000</b>	PRIORITY DATE CLAIMED <b>September 2, 1999</b>

TITLE OF INVENTION  
**IMPROVED METHODS AND MEANS FOR RETROVIRAL GENE DELIVERY**

APPLICANT(S) FOR DO/EO/US  
**Monique Maria Andrea Verstegen, et al.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☒ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☐ Other items or information:

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold;">10/070323</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold;">PCT/NL00/00611</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold;">294-123 PCT/US</div>
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24. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :**

- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... **\$1040.00**
- ☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... **\$890.00**
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... **\$740.00**
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... **\$710.00**
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**\$890.00**

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

**\$0.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	22 - 20 =	2	x \$18.00		<b>\$36.00</b>
Independent claims	2 - 3 =	0	x \$84.00		<b>\$0.00</b>
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					<b>\$0.00</b>

**TOTAL OF ABOVE CALCULATIONS =**

**\$926.00**

☐ Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.

**\$0.00**

**SUBTOTAL =**

**\$926.00**

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

**\$0.00**

**TOTAL NATIONAL FEE =**

**\$926.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

**\$0.00**

**TOTAL FEES ENCLOSED =**

**\$926.00**

Amount to be refunded	\$
charged	\$

- a. ☒ A check in the amount of **\$926.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **08-2461**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

**Roanld J. Baron**

NAME

**29,281**

REGISTRATION NUMBER

**March 4, 2002**

DATE

294-123 PCT/US

PATENT

IN THE U.S. DESIGNATED/ELECTED OFFICE OF THE PCT

IN RE APPLICATION OF:  
Monique Maria Andrea Verstegen, et al.

INTERNATIONAL APPLICATION  
NUMBER: PCT/NL00/00611

INTERNATIONAL FILING DATE:  
September 1, 2000

FOR: IMPROVED METHODS AND MEANS  
FOR RETROVIRAL GENE DELIVERY :

Assistant Commissioner for Patents  
BOX PCT  
Washington, DC 20231  
ATTENTION: DO/EO/US

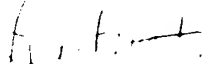
**EXPRESS MAIL CERTIFICATE OF MAILING**  
**FOR ABOVE-IDENTIFIED APPLICATION**

"Express Mail" mailing label number: EL584402251US

Date of Deposit: March 4, 2002

I hereby certify that the enclosed Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (in duplicate); copy of International Publication Number WO 01/16341 with International Search Report; Preliminary Amendment; copy of the International Preliminary Examination Report; check for \$926.00; and return receipt postcard is deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Lisa Bartell  
Printed Name of person mailing paper

  
Signature of person mailing paper

Applicant: Verstegen, Monique, Maria, Andrea, et al.  
Title: Improved Methods and Means for Retroviral  
Gene Delivery.

Serial No: Unknown  
Filing Date: Herewith  
International Appl. No. PCT/NL00/00611  
Docket: 294-123 PCT/US  
Certificate of Mailing Dated: March 4, 2002  
Express Mail Label No. EL584402251US

The U.S. Patent and Trademark Office date stamp will  
acknowledge receipt of the following:

- (X) Transmittal Letter to the US DO/EO (2x)
- (X) Copy of International Application  
No. PCT/NL00/00611
- (X) Copy of International Preliminary Examination  
Report
- (X) Copy of International Search Report
- (X) Preliminary Amendment
- (X) Check for \$926.00

Hoffmann & Baron, LLP  
RJB/lab (0166)

Applicant: Verstegen, Monique, Maria, Andrea, et al.  
Title: Improved Methods and Means for Retroviral  
Gene Delivery.

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No. PCT/NL00/00611
- (X) Copy of International Preliminary Examination  
Report
- (X) Copy of International Search Report
- (X) Preliminary Amendment
- (X) Check for \$926.00

JCO07 Rec'd PCT/PTC 05 MAR 2002

Hoffmann & Baron, LLP  
RJB/lab (0166)

10/070523